



Missouri's Ozarks

Geological Survey and Resource Assessment Division fact sheet number 20

6/2002

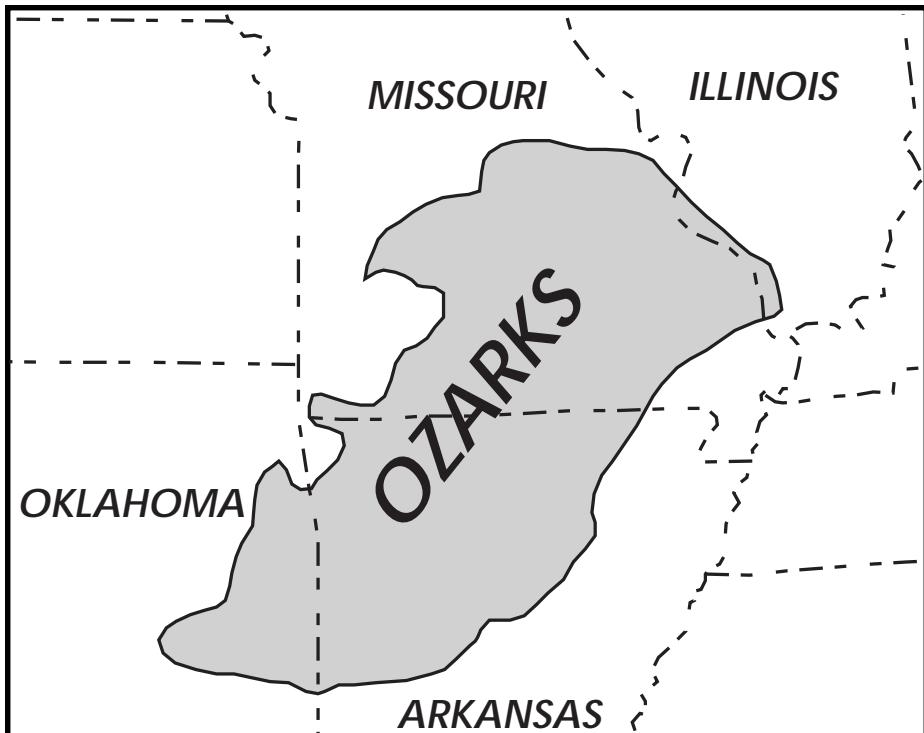
Most of Missouri south of the Missouri River, and parts of northern Arkansas, northeastern Oklahoma, and southern Illinois are known nationwide as the Ozarks. The region covers about 50,000 square miles with 33,000 square miles being in Missouri; 13,000 in Arkansas; 3,000 in Oklahoma; and 1,000 in Illinois.

This rugged area is characterized by lofty hills, deep valleys, cold clear springs and streams, large caves, and a unique cultural tradition. Its name is of obscure origin, possibly a corruption of the French expression, Aux Arkansas meaning "to the Arkansas (Mountains)" and shortened to Aux Arks with subsequent anglicized phonetic spelling of "Ozarks." Or, it may be a corruption of Aux Arcs, meaning "with bows" referring to an Indian tribe.

Although its borders blend into the surrounding countryside, the Ozarks are roughly bordered by the Missouri River on the north, and Mississippi River on the east, the Arkansas River on the south, and the Arkansas, Neosho, and Osage rivers on the west. The "top" of the Missouri Ozarks is in the St. Francois Mountains, an area composed of the oldest rocks in the state. The highest elevation is 1,772-foot Taum Sauk Mountain. These peaks were formed by the erosion of igneous rocks which originated as volcanic eruptions and molten intrusions approximately 1.3 to 1.5 billion years ago.

The presently accepted theory of origin for the Ozarks is that during the millions of years when parts of the state were being submerged, uplifted, and re-submerged in warm, shallow seas, the Ozark region was being slowly and continuously uplifted. As the massive land area pushed upward, the rugged topography was sculpted by erosion. What we see today is a landscape changed by the weather of millions of years, including last winter's blizzard and today's rainstorm.

The red and gray igneous rock outcrops (mostly granite



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and rhyolite) of the Ozarks are comparable to knobby rock islands in a weathered sea of sediments. These sediments consist of layered units of dolomite, limestone, sandstone, shale and chert. Chert (flint) and sandstone are characteristically resistant to weathering, but dolomite and limestone are especially vulnerable to the dissolving action of water. For this reason, much of the Ozarks is like Swiss cheese in that it is tunneled and pitted with sinkholes, caves and spring systems. Most of Missouri's 5,620 known caves are in the Ozark region of the state.

Missouri's many rivers have cut deep, meandering paths through the Ozarks and are considered by geologists to be classic examples of "entrenched meandering streams." It should be noted that the Ozarks are being continuously modified, and that most of the processes described here continue to operate today. Land masses are not ultimately stable; even the most solid rocks are subject to the earth's movements and the forces of weathering and erosion.

Early settlers were attracted to the Ozarks because game, fish and timber were abundant, and the numerous mineral deposits could be used for a self-sufficient economy. Raw materials were available to make iron tools, while abundant supplies of lead could be made into bullets, sulphur and saltpeter could be used to make gun powder, and brick clay, stone and lime were available for the construction of buildings. Springs of pure water were plentiful as well, and bottomland areas with fertile soil made family farming attractive.

The peculiar culture and tradition of the Ozark mountaineer - his mules and coon dogs - came to Missouri with early settlers from the mountains of the eastern United States. Stories go that people in the Ozarks are born with one leg shorter than the other so as to walk more easily "longside the hills." Happy fiddlers and fancy square dances play a large part in the lives of Ozark families. Superstitions, home remedies and real medicinal treatments are often hard to separate in some areas.

Rough-hewn cabins, rail fences, one-room schools, and native stone churches are sought out by artists, photographers, and tourists. To those who are unfamiliar with the real and rustic atmosphere of the Ozarks, there are novels and postcards that make it suddenly come alive. And it doesn't take much of that good, hard cider to convince a person that the Ozarks are great for just plain, comfortable livin'